Apple IIc Plus: Specifications (Discontinued 11/90)

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Revised:        10/7/93
Security:       Everyone
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Here are specifications for the Apple IIc Plus:

CENTRAL PROCESSING UNIT (CPU)
- Microprocessor: 4 Mhz 65C02
- Clock Speed: 1 or 4 Mhz (user selectable -- press ESC key when you power the
  unit on)
- Address bus: 16 bits
- Address range: 65,536 bytes (64K)
- Data bus: 8 bits
- Registers (8 bit): accumulator, two index registers, stack pointer, and
  processor status register

MEMORY
- 128K or RAM (random-access memory), optionally expandable to 1.125 megabytes
- 32K of ROM (read-only memory), containing:
   -System monitor
   -AppleSoft BASIC interperter
   -80-column display firmware

TEXT DISPLAY MODES
- 80-column text (80 columns by 24 lines)
- 40-column text (40 columns by 24 lines)
- All text can appear on the screen as normal, inverse, flashing, or MouseText
  characters

GRAPHICS DISPLAY MODES
- Double high-resolution (560 dots horizontally by 192 dots vertically; 16
  colors)
- High-resolution (280 dots horizontally by 192 dots vertically; 6 colors)
- Low-resolution (40 dots horizontally by 48 dots vertically; 16 colors)
- All graphics can be configured to allow four lines of text at the bottom of
  the screen.

KEYBOARD

- 63-key full-sized keyboard
- Full 128-character ASCII, including 96 uppercase and lowercase alphanumeric
  characters, and 32 control characters
- Special-purpose keys: shift, caps lock, control, escape, return, tab, delete,
  up arrow, down arrow, left arrow, right arrow, reset, open apple, option
- Keyboard is switchable between QWERTY and Dvorak layouts
- Includes volume slide control for speaker

DISK DRIVE
- Disk size: 3.5 inches
- Capacity: 800 kilobytes
- Recording surfaces: 2
- Tracks per surface: 80
- Blocks per disk:1,600
- Push button for motorized eject

INTERFACES
- External disk drive port using 19-pin, D-style connector, allows a
  daisy-chain connection of up to three additional drives (Apple 3.5 Drive,
  UniDisk 3.5, and/or Apple 5.25)
- Two RS-232 serial ports with 8-pin minicircular connectors (for printer,
  modem, and other accessories)
- NTSC (composite) color video, via RCA phone jack
- 15-pin, D-style connector for video expansion
- 9-pin, D-style connector for mouse, joystick, hand controllers, or other
  accessories
- Internal, 34-pin connector for memory expansion up to 1.125 megabytes
- Standard, 3-pin grounded power plug

ELECTRICAL REQUIRMENTS
- Line voltage: 90 to 130 volts AC
- Line frequency: 50 to 60 hertz
- Maximum power consumption: 20 watts continuous
- Supply voltages:
   +5 volts (+-5%)
   +12 volts (+-10%)
   -12 volts (+-10%)

- Maximum supply currents:
   +5 volts=1.5 amps
   -5 volts= 30 milliamps
   +12 volts= 0.9 amps continuous -- 1.5 amps intermittent
   -12 volts= 100 milliamps

ENVIRONMENTAL REQUIREMENTS
- Operating temperature: 50 to 104 degrees F (10 TO 40 degrees C)
- Relative humidity: 20% to 95%

SAFETY AND EMI QUALIFICATIONS
- FCC part 15 Class B Computing Devices
- UL 11 Office Appliances and Business Equipment

SIZE AND WEIGHT

- Height: 2.5 inches (6.35 cm)
- Width: 12 inches (30.48 cm)
- Depth: 11.5 inches (29.2 cm)
- Weight: 7lb. (3.2 kg)

Included with the Apple IIc Plus package:

- Apple IIc Plus personal computer with built-in 800K disk drive
- Power cord
- Apple II System Disk
- Tutorial disk
- Owner's guide
- Apple II System Disk User's Guide
- A Touch of AppleSoft BASIC manual
- Limited warranty statement
- Packing list

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